

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"5290448".pn.	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:26
L2	1	"6565782".pn.	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:28
L3	1	"4906375".pn.	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:30
L4	2714	210/500.21, "500.22", "500.23", "500.41", "500.42", "500.43", "500.27", "490".CCLS	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:43
L5	3232	210/500.21,500.22,500.23,500.41,500.42,500.43,500.27,490.CCLS	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:44
L6	4082	264/41,48,49,561,562,233.CCLS	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:44
L7	843	428/398.CCLS	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:44
L8	71954	HOLLOW same (FIBER FIBRE MEMBRANE)	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:45
L9	6387	HOLLOW same (FIBER FIBRE MEMBRANE) and \$ELECTROL\$5	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:45
L10	7499	L5 L6 L7	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:45
L11	290	L9 AND L10	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:45
L12	52	"210"/\$.ccls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid) and (hollow adj (fiber filament yarn capillary))	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L13	1	"5476715".pn.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L14	1	"6258276".pn.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L15	55	"210"/\$.ccls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polyelectrolyte) and (hollow adj (fiber filament yarn capillary))	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46

L16	30	"210"/\$.cds. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polyelectrolyte) AND (interior separating) and (hollow adj (fiber filament yarn capillary))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L17	1	"210"/\$.cds. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polyelectrolyte) SAME (interior separating) and (hollow adj (fiber filament yarn capillary))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L18	0	"210"/\$.cds. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polyelectrolyte polyphosphoric polysulfonic) ADJ (interior separating) and (hollow adj (fiber filament yarn capillary))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L19	1	"210"/\$.cds. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polyelectrolyte polyphosphoric polysulfonic) SAME (interior separating) and (hollow adj (fiber filament yarn capillary))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L20	1	"6258276".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L21	32	("3737045" "3944485" "4008069" "4014798" "4045352" "4083768" "4187333" "4357220" "4613440" "4992176" "5049275" "5126503" "5147549" "5152898" "5192445" "5281337" "5456839").PN. OR ("6258276").UPPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L22	59	"341473"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:46
L23	59	"341473"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:46
L24	2	"5013765".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:46

L25	1	"5013765".pn. AND precipitant	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:46
L26	1	precipitant SAME "polyelectrolyte" AND "hollow fiber"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/15 13:46
L27	47	("3567810" "3615024" "3639306" "3691068" "3709774" "3709841" "3762136" "4051300").PN. OR ("4286015").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L28	4	L27 AND precipitant	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L29	8	"210"/\$.ccls. and hollow adj(fiber filament yarn) and (polyelectrolyte polysulfonic polyphosphoric polycarboxylic) with (lumen precipit\$5 coagula\$5)	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L30	158	"210"/\$.ccls. and hollow adj(fiber filament yarn) and (polyelectrolyte polysulfonic polyphosphoric polycarboxylic)	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L31	394	menon.xa. menon.xp.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L32	81	(menon.xa. menon.xp.) AND "hollow fiber"	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L33	28	(menon.xa. menon.xp.) AND "hollow fiber" AND lumen	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L34	4	(menon.xa. menon.xp.) AND "hollow fiber" AND "inner lumen"	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L35	62	(menon.xa. menon.xp.) AND "hollow fiber" AND (produce producing making)	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L36	89	(menon.xa. menon.xp.) AND (hollow ADJ (fiber fibre membrane))	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L37	29	(menon.xa. menon.xp.) AND (hollow ADJ (fiber fibre membrane)) AND lumen	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L38	76	(menon.xa. menon.xp.) AND (hollow ADJ (fiber fibre membrane)) AND (producing produce make making)	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L39	68	(menon.xa. menon.xp.) AND (hollow ADJ (fiber fibre membrane)) AND (producing produce making)	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L40	24	(menon.xa. menon.xp.) AND (hollow ADJ (fiber fibre membrane)) AND (producing produce making) AND lumen	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46

L41	1	"10475265"	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L42	2	"20040167237"	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L43	2	"20040222148"	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L44	6	"2002087735"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L45	12	"1388364"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L46	1	"10588016"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L47	2	"7441666".pn. AND (polyelectrolyte acid)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L48	1	"5972326".pn.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L49	1	"6548622".pn.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L50	1	"10588016"	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/15 13:46
L51	26	(US-20050006302-\$ or US-20020148774-\$ or US-20040167237-\$).did. or (US-6497752-\$ or US-4906375-\$ or US-3948823-\$ or US-4286015-\$ or US-4351860-\$ or US-5683584-\$ or US-5919370-\$ or US-4014798-\$ or US-4125462-\$ or US-5100673-\$ or US-5476715-\$ or US-6565782-\$ or US-6258276-\$ or US-5049275-\$ or US-4083768-\$ or US-5534146-\$ or US-7347938-\$ or US-5013765-\$ or US-7247370-\$ or US-7229580-\$ or US-7056458-\$ or US-7441666-\$).did. or (DE-3814760-\$).did.	US-PGRUB; USPAT; DERWENT	OR	OFF	2009/12/15 13:46
L52	1	L51 AND (inner interior) ADJ filler	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L53	0	(menon.xa. menon.xp.) AND (inner interior) ADJ filler	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46

L54	63	(menon.xa. menon.xp.) AND (inner interior) AND hollow ADJ (fiber fibre)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L55	7	"0209857"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L56	8	"1306121"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L57	3	"7108787".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L58	6	"0050160"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L59	1	"10588696"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L60	1	"10588695"	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L61	0	"hollow fiber" AND "separating layer" SAME inner ADJ lumen	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L62	0	"hollow fiber" AND separating ADJ layer SAME inner ADJ lumen	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L63	6	"hollow fiber" AND separating SAME (inner ADJ lumen)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46

L64	20	"hollow fiber" AND separating SAME (((inner ADJ lumen) OR (internal ADJ surface))	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L65	244	"hollow fiber" AND separating ADJ layer	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L66	0	"hollow fiber" AND separating ADJ layer SAME PVP	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L67	244	"hollow fiber" AND separating ADJ layer	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L68	7372	"210"/\$.ccls. AND blood AND "hollow fiber" AND separating ADJ layer	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L69	9	"210"/\$.ccls. AND blood AND "hollow fiber" AND separating ADJ layer	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L70	1	"210"/\$.ccls. AND blood AND "hollow fiber" AND (inner internal) SAME separating ADJ layer	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L71	2	"6017474".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/15 13:46
L72	29	"hollow fiber" AND "polyacrylic acid" SAME (((homo co) ADJ polymer)	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L73	833	hou.in. AND (filter fiber)	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L74	339	hou.in. AND (filter fiber) AND membrane	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L75	43	hou.in. AND (filter fiber) AND membrane AND acrylic	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L76	1576475	hou.in. AND polyacrylic acid	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/15 13:46

L77	0	hou.in. AND polyacrylic ADJ add	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L78	31	hou.in. AND polyacrylic ADJ add	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L79	12	hou.in. AND polyacrylic ADJ add AND filter	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L80	1450	"hollow fiber" AND (polyelectrolyte polyacrylic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L81	931	"hollow fiber" AND (polyelectrolyte polyacrylic) AND coating	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L82	61	"hollow fiber" SAME (polyelectrolyte polyacrylic) AND coating	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L83	31	"hollow fiber" SAME (polyelectrolyte polyacrylic) AND coating AND (negative OR anionic)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L84	755	nakabayashi.in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L85	115	nakabayashi.in. AND filter	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L86	11	nakabayashi.in. AND filter AND MPC	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/15 13:46
L87	11	nakabayashi.in. AND filter AND MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 13:46
L88	15	nakabayashi AND filter AND MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 13:46
L89	821	nakabayashi/ AND filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 13:46
L90	29	nakabayashi/ AND hollow ADJ fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 13:46

12/15/2009 1:55:55 PM

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